

§ 430.33

(B) Is designed for use to replace an existing ballast in a previously installed luminaire;

(C) Is marked “FOR REPLACEMENT USE ONLY”;

(D) Is shipped by the manufacturer in packages containing not more than 10 ballasts;

(E) Has output leads that when fully extended are a total length that is less than the length of the lamp with which it is intended to be operated; and

(F) Meets or exceeds the ballast efficacy factor in the following table:

Application for operation of	Ballast input voltage	Total nominal lamp watts	Ballast efficacy factor
One F40 T12 lamp	120	40	1.805
	277	40	1.805
Two F40 T12 lamps	120	80	1.060
	277	80	1.050
Two F96T12 lamps	120	150	0.570
	277	150	0.570

Product class	Energy factor as of January 1, 1990	Energy factor as of April 15, 1991	Energy factor as of January 20, 2004
1. Gas-fired Water Heater	0.62 – (0.0019 × Rated Storage Volume in gallons).	0.62 – (0.0019 × Rated Storage Volume in gallons).	0.67 – (0.0019 × Rated Storage Volume in gallons).
2. Oil-fired Water Heater	0.59 – (0.0019 × Rated Storage Volume in gallons).	0.59 – (0.0019 × Rated Storage Volume in gallons).	0.59 – (0.0019 × Rated Storage Volume in gallons).
3. Electric Water Heater	0.95 – (0.00132 × Rated Storage Volume in gallons).	0.93 – (0.00132 × Rated Storage Volume in gallons).	0.97 – (0.00132 × Rated Storage Volume in gallons).
4. Tabletop Water Heater	0.95 – (0.00132 × Rated Storage Volume in gallons).	0.93 – (0.00132 × Rated Storage Volume in gallons).	0.93 – (0.00132 × Rated Storage Volume in gallons).
5. Instantaneous Gas-fire Water Heater.	0.62 – (0.0019 × Rated Storage Volume in gallons).	0.62 – (0.0019 × Rated Storage Volume in gallons).	0.62 – (0.0019 × Rated Storage Volume in gallons).
6. Instantaneous Electric Water Heater.	0.95 – (0.00132 × Rated Storage Volume in gallons).	0.93 – (0.00132 × Rated Storage Volume in gallons).	0.93 – (0.00132 × Rated Storage Volume in gallons).

Note: The Rated Storage Volume equals the water storage capacity of a water heater, in gallons, as specified by the manufacturer.

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§ 430.33 Preemption of State regulations.

Any State regulation providing for any energy conservation standard, or water conservation standard (in the case of faucets, showerheads, water closets, and urinals), or other requirement with respect to the energy efficiency, energy use, or water use (in the case of faucets, showerheads, water closets, or urinals) of a covered product that is not identical to a Federal standard in effect under this subpart is preempted by that standard, except as provided for in sections 327 (b) and (c) of the Act.

[63 FR 13318, Mar. 18, 1998]

10 CFR Ch. II (1–1–04 Edition)

Application for operation of	Ballast input voltage	Total nominal lamp watts	Ballast efficacy factor
Two F96T12HO lamps ..	120	220	0.390
	277	220	0.390

EFFECTIVE DATE NOTE 2: At 66 FR 4497, Jan. 17, 2001, § 430.32 was amended by revising paragraph (d), effective Jan. 20, 2004. For the convenience of the user, the revised text follows:

§ 430.32 Energy and water conservation standards and effective dates.

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(d) Water heaters.

The energy factor of water heaters shall not be less than the following for products manufactured on or after the indicated dates.

§ 430.34 Energy and water conservation standards amendments

The Department of Energy may not prescribe any amended standard which increases the maximum allowable energy use or, in the case of showerheads, faucets, water closets or urinals, the maximum allowable water use, or which decreases the minimum required energy efficiency of a covered product.

[67 FR 36406, May 23, 2002]

APPENDIX A TO SUBPART C OF PART 430—PROCEDURES, INTERPRETATIONS AND POLICIES FOR CONSIDERATION OF NEW OR REVISED ENERGY CONSERVATION STANDARDS FOR CONSUMER PRODUCTS

- Objectives
- Scope